

(FILE 'HOME' ENTERED AT 14:21:40 ON 13 JUL 2004)

FILE 'DGENE' ENTERED AT 14:21:45 ON 13 JUL 2004  
RUN GETSEQ

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L1 RUN STATEMENT CREATED  
L2 115 S L1 AND MODIFIED/FEAT  
L3 81 S L2 AND AD<20000324  
L4 33 S L2 AND ANTIBOD?  
L5 25 S L4 AND AD<20000324  
L6 24 S L4 AND GLYCOSYL?/FEAT  
L7 44 S L2 AND PHOSPHO?/FEAT  
L8 23 S L7 AND AD<20000324

FILE 'REGISTRY' ENTERED AT 14:48:53 ON 13 JUL 2004

L9 30641 S P.[TS]P.R/SQSP  
L10 0 S L9 AND PHOSPHO?/NTE  
L11 265111 S P.SP/SQSP  
L12 79 S L11 AND PHOSPHO?/NTE

FILE 'CAPLUS' ENTERED AT 14:51:04 ON 13 JUL 2004

L13 51 S L12  
L14 8 S L13 AND ANTIBOD?

FILE 'REGISTRY' ENTERED AT 14:57:41 ON 13 JUL 2004

L15 1 S L12 AND (367452-03-7)/RN  
L16 1 S L12 AND (198486-88-3)/RN  
L17 1 S L12 AND (292611-16-6)/RN  
L18 1 S L12 AND (198486-88-3)/RN  
L19 1 S L12 AND (198486-86-1)/RN  
L20 1 S L12 AND (198486-87-2)/RN  
L21 1 S L12 AND (149380-07-4)/RN  
L22 1 S L12 AND (149380-08-5)/RN

FILE 'DGENE' ENTERED AT 15:10:02 ON 13 JUL 2004  
RUN GETSEQ

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L23 RUN STATEMENT CREATED  
L24 42 S L23 AND PHOSPHO?/FEAT  
L25 17 S L24 AND ANTIBOD?  
L26 0 S L25 AND AD<20000324  
RUN GETSEQ

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L27 RUN STATEMENT CREATED  
L28 128 S L27 AND PHOSPHO?/FEAT  
L29 57 S L28 AND AD<20000324  
L30 49 S L28 AND ANTIBOD?  
L31 24 S L30 AND AD<20000324

FILE 'REGISTRY' ENTERED AT 15:53:56 ON 13 JUL 2004

L32 155629 S RR.T/SQSP  
L33 25 S L32 AND PHOSPHO?/NTE

FILE 'CAPLUS' ENTERED AT 16:01:05 ON 13 JUL 2004

L34 1 S L33 AND ANTIBOD?

FILE 'REGISTRY' ENTERED AT 16:02:18 ON 13 JUL 2004

L35 1 S L32 AND (139979-67-2)/RN  
L36 163840 S R.R..T/SQSP  
L37 17 S L36 AND PHOSPHO?/NTE

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FILE 'CAPLUS' ENTERED AT 16:05:09 ON 13 JUL 2004
L38      16 S L37
L39      3 S L38 AND ANTIBOD?

FILE 'REGISTRY' ENTERED AT 16:06:51 ON 13 JUL 2004
L40      1 S L36 AND (500708-30-5)/RN
L41      1 S L36 AND (263917-78-8)/RN

FILE 'DGENE' ENTERED AT 16:10:29 ON 13 JUL 2004
      RUN GETSEQ
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L42      RUN STATEMENT CREATED
L43      96 S L42 AND PHOSPHO?/FEAT
L44      28 S L43 AND ANTIBOD?
L45      3 S L44 AND AD<20000324
      RUN GETSEQ
      -----
L46      RUN STATEMENT CREATED
      RUN GETSEQ
      -----
L47      RUN STATEMENT CREATED
L48      84 S L46 AND PHOSPHO?/FEAT
L49      12 S L48 AND ANTIBOD?
      RUN GETSEQ
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L50      RUN STATEMENT CREATED
L51      51 S L50 AND PHOSPHO?/FEAT
L52      19 S L51 AND ANTIBOD?

FILE 'REGISTRY' ENTERED AT 16:40:44 ON 13 JUL 2004
L53      20101 S RS.S.P/SQSP
L54      13 S L53 AND PHOSPHO?/NTE

FILE 'CAPLUS' ENTERED AT 16:41:55 ON 13 JUL 2004
L55      9 S L54
L56      3 S L55 AND ANTIBOD?

FILE 'REGISTRY' ENTERED AT 16:43:46 ON 13 JUL 2004
L57      1 S L54 AND (321148-76-9)/RN
L58      1 S L54 AND (204705-08-8)/RN
L59      20495 S F..F[ST][FY]/SQSP
L60      9 S L59 AND PHOSPHO?/NTE

FILE 'CAPLUS' ENTERED AT 16:54:40 ON 13 JUL 2004
L61      4 S L60
L62      1 S L61 AND ANTIBOD?

FILE 'REGISTRY' ENTERED AT 16:56:09 ON 13 JUL 2004
L63      1 S L60 AND (312751-80-7)/RN

FILE 'DGENE' ENTERED AT 16:58:48 ON 13 JUL 2004
      RUN GETSEQ
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L64      RUN STATEMENT CREATED
L65      31 S L64 AND PHOSPHO?/FEAT
L66      9 S L65 AND ANTIBOD?

FILE 'MEDLINE, BIOSIS, SCISEARCH, LIFESCI, BIOTECHDS, CAPLUS' ENTERED AT
17:08:01 ON 13 JUL 2004
L67      23896 S COMB?/AU
L68      821742 S TAN?/AU
L69      385 S L67 AND L68

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L70 15 S L69 AND (MOTIF# OR CONSENSUS)  
 L71 11 DUP REM L70 (4 DUPLICATES REMOVED)  
 L72 195 S MOTIF(W)SPECIFIC  
 L73 48165 S CONSENSUS(W)SEQUENCE#  
 L74 12 S (ANTIBOD? OR IMMUNOGLOBULIN#) (3A)L72  
 L75 11 DUP REM L74 (1 DUPLICATE REMOVED)  
 L76 326 S ANTIBOD?(3A) (90)/TI  
 L77 80 S ANTIBOD?(3W) (90)/TI  
 L78 52 DUP REM L77 (28 DUPLICATES REMOVED)  
 L79 147651 S (STRATEGY OR STRATEGIES)/TI  
 L80 0 S L79 AND L77  
 L81 326 S L76 AND L76  
 L82 193 S ANTIBOD?(5W) (90 OR 95)/TI  
 L83 0 S (STRATEGY) (3W)ANTIBOD?(5W) (90 OR 95)/TI  
 L84 0 S (STRATEGY OR STRATEGIES) (5W)ANTIBOD?(5W) (90 OR 95)  
 L85 1512517 S 90% OR (90(W)PERCENT)  
 L86 1039456 S 95% OR (95(W)PERCENT)  
 L87 2407634 S L85 OR L86  
 L88 3887 S ANTIBOD?(4W)L87  
 L89 174 S L88/TI  
 L90 0 S L79 AND L89  
 L91 99 DUP REM L89 (75 DUPLICATES REMOVED)  
 L92 47 S L91 NOT L78  
 L93 558 S (STRATAGY OR STRATEGY) (3W)ANTIBOD?  
 L94 129 S L93/TI  
 L95 65 DUP REM L94 (64 DUPLICATES REMOVED)  
 L96 89338 S MAPK OR (MAP(W)KINASE#)  
 L97 420 S L96(4A) (MOTIF# OR CONSENSUS)  
 L98 1 S ANTIBOD?(5A)L97  
 L99 25 S ANTIBOD?(S)L97  
 L100 15 DUP REM L99 (10 DUPLICATES REMOVED)  
 L101 48157 S CYCLIN(W)DEPENDENT(W)KINASE# OR CD(W) (KINASE OR K) OR CDK  
 L102 417 S L101(5A) (MOTIF# OR CONSENSUS)  
 L103 27 S ANTIBOD?(S)L102  
 L104 18 DUP REM L103 (9 DUPLICATES REMOVED)  
 L105 89178 S PROTEIN(W)KINASE(W)A OR PKA  
 L106 44912 S PROTEIN(W)KINASE(W)A OR CAMP(2W)PKA  
 L107 384 S L106(4A) (MOTIF# OR CONSENSUS)  
 L108 16 S ANTIBOD?(S)L107  
 L109 8 DUP REM L108 (8 DUPLICATES REMOVED)  
 L110 7017 S AKT(2W)KINASE#  
 L111 15 S L110(3A) (MOTIF# OR CONSENSUS)  
 L112 12 DUP REM L111 (3 DUPLICATES REMOVED)  
 L113 6978 S 14(W)3(W)3  
 L114 351 S L113(5A) (MOTIF# OR CONSENSUS)  
 L115 33 S ANTIBOD?(S)L114  
 L116 19 DUP REM L115 (14 DUPLICATES REMOVED)  
 L117 1 S BULKY(W)RING(2W)KINASE#  
 L118 15695 S (REPEAT? OR RECURR?) (3A) (MOTIF# OR CONSENSUS#)  
 L119 489169 S PROTEIN(W)KINASE#  
 L120 201 S L119(S)L118  
 L121 17 S ANTIBOD?(S)L120  
 L122 12 S L121 AND PY<2001  
 L123 6 DUP REM L122 (6 DUPLICATES REMOVED)  
 L124 0 S PXTPIXR OR PXSPXR OR PXT(W)SPXR OR PXS(W)TPXR  
 L125 0 S PXT!PIXR OR PXS!PIXR  
 L126 16 S PXSP OR PXS(W)P  
 L127 17 S PCS!P  
 L128 33 S L126 OR L127  
 L129 29 S L128 AND PY<2001  
 L130 12 DUP REM L129 (17 DUPLICATES REMOVED)  
 L131 7 S RRXT# OR RXRXXT#

L132           3 DUP REM L131 (4 DUPLICATES REMOVED)  
 L133       85855 S CROSS(W)REACTIV?  
 L134       186 S L119(S)L133  
 L135       157 S L134 AND PY<2001  
 L136       18007 S ANTIBOD?(5A)L133  
 L137       183 S L136(S)KINASE#  
 L138       161 S L137 AND PY<2001  
 L139       77 DUP REM L138 (84 DUPLICATES REMOVED)

FILE 'PCTFULL, USPATFULL, EUROPATFULL' ENTERED AT 19:16:42 ON 13 JUL 2004

L140       5859 S (REPEAT? OR RECURR?)(3A)(MOTIF# OR CONSENSUS)  
 L141       33603 S PROTEIN(2W)KINASE#  
 L142       3853 S (SERINE(W)THREONINE)(W)KINASE  
 L143       5556 S (SERINE(W)THREONINE)(W)KINASE#  
 L144       21017 S TYROSINE(W)KINASE#  
 L145       41426 S L141 OR L143 OR L144  
 L146       272 S L140(S)L145  
 L147       27 S ANTIBOD?(S)L146  
 L148       3478 S L145/TI,AB  
 L149       14 S ANTIBOD?(5A)L140  
 L150       0 S L148 AND L149  
 L151       6 S L145 AND L149

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